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## WORLD TALLOW OUTPUT

### UP SHARPLY IN 1963

Total production of tallow and greases in the world's major producing countries is estimated at 7,890 million pounds in 1963, up 8 percent from 1962 and 22 percent above the average for 1956-60.

About two-thirds of the increased production was accounted for by the gain in the United States. U.S. slaughter was higher and cattle were marketed at heavier weights.

In South America tallow and grease production was up about 40 million pounds. Increased output in Argentina accounted for practically all of the gain.

Tallow and grease production in Western Europe is estimated to have risen about 40 million pounds. The largest increase was in the Netherlands and there were lesser gains in 7 other countries.

Output in the Eastern European countries, excluding the USSR, is estimated to have remained about the same as in 1962. Heavier slaughter in the USSR resulting from feed shortages helped to boost production of tallow and greases above the previous year.

Output in New Zealand apparently was about the same as in 1962. Increased beef production in Australia was accompanied by a rise in output of tallow. (Table next page)

Table 1:-- TALLOW AND GREASES 1/: Estimated production of specified countries,  
average 1956-60, annual 1961-63

Country	Average 1956-60 : Million pounds	1961 : Million pounds	1962 : Million pounds	1963 2/ : Million pounds
North America:				
Canada.....	180	212	206	222
United States.....	3,507	4,080	3,875	4,302
Mexico 3/.....	42	46	47	54
Total North America 4/.....	3,760	4,360	4,160	4,610
South America:				
Argentina.....	320	275	282	320
Brazil.....	122	120	115	102
Chile.....	33	36	35	36
Colombia.....	63	67	72	78
Uruguay.....	47	47	47	49
Total South America 4/.....	610	570	580	620
Europe:				
Belgium and Luxembourg.....	37	39	41	49
Denmark.....	56	76	72	78
France.....	197	252	262	260
Germany, West 5/.....	92	112	123	118
Italy.....	72	93	97	104
Netherlands.....	65	71	83	96
Sweden.....	25	33	50	54
United Kingdom.....	276	299	310	315
Total Western Europe 4/.....	910	1,070	1,140	1,180
Total Eastern Europe 4/.....	100	140	160	160
U.S.S.R. (Europe and Asia).....	370	390	440	480
Africa:				
Egypt.....	22	24	26	26
South Africa, Rep. of.....	59	64	66	67
Total Africa 4/.....	90	100	100	110
Asia:				
Iran.....	49	--	--	--
Turkey.....	11	13	13	14
Japan.....	24	26	26	32
Pakistan.....	54	--	--	--
Total Asia 4/.....	140	150	160	160
Oceania:				
Australia.....	331	325	374	385
New Zealand 6/.....	145	176	180	181
Total Oceania.....	480	500	550	570
Total World.....	6,460	7,280	7,290	7,890

1/ Includes edible and inedible tallow and greases. 2/ Preliminary. 3/ Commercial.

4/ Includes an allowance for any missing data for countries shown and minor producing countries not shown. 5/ Includes Saarland. 6/ Year ending Sept. 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research and related information.

## Trade

Exports from the world's leading producers of tallow and greases totaled 2,768 million pounds in 1963, nearly one-fifth more than the same countries shipped in 1962. The United States shipped 68 percent of the total and continued to dominate world tallow trade.

All of the other traditional exporters shipped increased amounts in 1963. Shipments from Australia and Argentina were notably higher. In Argentina slaughter was particularly heavy, but has since dropped sharply, reducing available supplies for export.

Part of the increase in shipments from New Zealand was associated with the introduction of bulk handling which became more general during the year. New Zealand's exports formerly were of drummed tallow and most of its trade was with Commonwealth countries. In 1963 bulk shipping increased rapidly, and during the first half of the year China was one of the most important buyers of both bulk and drummed tallow. The Republic of South Africa has increased its purchases of tallow in New Zealand and Australia, largely at the expense of U.S. exports which have dropped sharply in the last two years.

## Outlook

World trade in tallow and greases appears headed for another record level in 1964. The United States will probably ship a greater proportion of the total than in the past year, possibly as much as 80 percent of world exports. Demand in Europe and Japan continues strong and will likely remain strong during the rest of the year. Australia, New Zealand, and Canada will probably ship about the same amounts as in 1963 while Argentina and most European suppliers will export less. Argentina has been importing tallow and will likely not be exporting to any great extent for the rest of 1964. Demand in Eastern Europe, Western Europe and Asia is expected to remain above the previous year. With plentiful supplies in prospect, U.S. exports for 1964 may be as high as 2.3 billion pounds with total world exports over 3 billion.

Long range market growth in industrialized countries will likely be confined to animal feeds, lubricants and other non-soap uses, as detergents continue to gain acceptance. In the underdeveloped world increased use of tallow is more likely to reflect rising use of soap as living standards rise.

Table 2.--TALLOW AND GREASES 1/: U.S. and world production and exports, average 1956-60 and annual 1959-63

Year	World		United States			Exports as percent of U.S. pro- duction
	Production	Exports	Production	Exports	World	
	;	;	;	;	;	
	:Million pounds	:Million pounds	:Million pounds	:Million pounds	:Percent	
Average: 1956-60.....	6,460	1,943	3,507	1,436	74	41
Annual:						
1959.....	6,800	2,040	3,586	1,488	73	41
1960.....	6,880	2,372	3,860	1,725	73	45
1961.....	7,280	2,496	4,080	1,826	73	45
1962.....	7,290	2,335	3,875	1,617	69	42
1963.....	7,890	2,768	4,302	1,890	68	44

1/ Includes edible and inedible tallow and greases.

Table 3.--TALLOW AND GREASES: Exports from specified countries, average 1956-60 and annual 1959-63

Country	;	;	;	;	;	;
	Average	;	;	;	;	;
	1956-60	1959	1960	1961	1962	1963
	;	;	;	;	;	;
	:Million pounds	:Million pounds	:Million pounds	:Million pounds	:Million pounds	:Million pounds
United States.....	1,436	1,488	1,725	1,826	1,617	1,890
Australia 2/.....	134	127	207	157	224	269
New Zealand.....	118	135	136	144	139	151
Germany, West.....	43	57	77	94	108	119
Canada.....	72	94	98	98	96	112
Argentina.....	25	23	8	36	21	78
France.....	32	41	33	52	52	69
Sweden.....	18	13	20	17	27	29
Netherlands.....	14	10	10	17	14	22
Denmark.....	21	18	31	30	20	19
Belgium & Luxembourg..	30	34	27	25	17	10
Total.....	1,943	2,040	2,372	2,496	2,335	2,768

1/ Preliminary. 2/ Year ending June 30.

Table 4.--INEDIBLE TALLOW AND GREASES 1/: U.S. exports by country of destination, average 1956-60 and annual 1960-63

Continent and country	Average 1956-60	1960	1961	1962 2/	1963 2/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:					
Canada.....	22,246	21,255	25,209	25,640	34,329
Mexico.....	34,830	9,585	5,395	4,125	2,901
El Salvador.....	3,443	7,627	10,512	14,899	9,861
Guatemala.....	7,856	11,443	12,005	12,879	22,693
Cuba.....	30,974	18,418	---	---	---
Dominican Republic.....	4,626	5,537	5,196	7,858	5,918
Other.....	9,237	15,158	16,747	14,975	18,839
Total.....	113,212	89,023	75,064	80,376	94,541
South America:					
Chile.....	1,525	215	1,230	3,815	314
Colombia.....	19,575	26,089	30,332	27,667	19,775
Ecuador.....	11,191	16,849	15,452	19,714	24,167
Peru.....	8,888	9,029	16,483	19,882	23,080
Other.....	9,680	13,589	13,407	15,505	15,433
Total.....	50,859	65,771	76,904	86,583	82,769
Europe:					
Austria.....	3,766	361	---	---	---
Belgium & Luxembourg.....	42,454	38,170	22,395	17,349	21,653
France.....	11,375	28,463	8,208	6,180	14,885
Germany, West.....	86,332	103,818	102,989	92,037	86,490
Ireland.....	1,728	60	279	276	717
Italy.....	269,575	282,586	207,031	230,685	179,750
Netherlands.....	227,664	261,714	231,526	188,305	237,225
Norway.....	1,822	1,867	3,305	2,946	2,726
Spain.....	24,797	45,656	75,851	92,976	124,011
Switzerland.....	14,273	6,588	12,863	21,858	37,395
United Kingdom.....	17,165	40,041	20,418	20,010	22,409
Poland.....	42,925	43,422	52,150	65,643	77,283
Yugoslavia.....	23,616	18,347	41,833	5,325	24,946
Other.....	17,890	13,339	14,914	6,493	24,474
Total.....	785,382	884,432	793,762	750,083	853,964
U.S.S.R. (Europe and Asia).....	5,029	---	197,728	66,187	33,404
Africa:					
Morocco.....	11,847	21,902	15,418	21,999	22,037
Rhodesia-Nyasaland.....	2,674	2,234	765	346	3
South Africa, Republic of....	50,547	67,337	43,866	12,810	22,807
U.A.R. (Egypt).....	59,710	61,259	58,662	96,247	117,592
Other.....	2,336	7,025	4,549	6,372	23,528
Total.....	127,114	159,757	123,260	137,774	185,967
Asia:					
China, Taiwan.....	23,499	20,354	30,861	33,591	54,628
Iran.....	13,724	22,584	21,460	28,613	43,770
Japan.....	258,807	378,747	402,151	268,124	357,965
Korea, Republic of.....	18,589	24,095	25,677	37,242	30,481
Pakistan.....	8,410	30,770	34,007	52,869	58,285
Philippines.....	14,846	18,130	21,195	21,096	21,952
Other 3/.....	17,004	10,859	11,828	4/ 41,953	5/ 61,301
Total.....	354,879	505,539	547,179	483,488	628,382
Total world.....	1,436,475	1,704,522	1,813,897	1,604,491	1,879,027

1/ Includes inedible tallow, animal greases and fats, animal oils, nes., oleic acid or red oil and stearic acid. 2/ Preliminary. 3/ Includes shipments to Oceania. 4/ Includes 32.0 million pounds to Turkey. 5/ Includes 46.7 million pounds to Turkey.

Table 5.--TALLOW AND GREASES 1/ Imports into specified countries,  
average 1956-60, annual 1960-63

Country	: Average : 1960 : 1961 : 1962 : 1963 2/				
	: Million : Million : Million : Million				
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Japan.....	291	387	415	330	430
Italy.....	260	302	260	257	271
Netherlands.....	229	284	276	222	263
Germany, West.....	137	143	159	172	164
United Kingdom.....	154	179	157	145	154
Spain.....	46	76	64	116	N.A.
Egypt.....	74	69	79	167	110
South Africa, Republic of....	88	101	92	81	N.A.
Poland.....	3/ 59	64	90	73	N.A.
Pakistan.....	16	39	44	N.A.	N.A.
China, Taiwan.....	28	28	32	39	N.A.
Turkey.....	3/ 11	2	1	33	46
Korea, Republic of.....	19	22	24	32	45
Colombia.....	22	29	35	44	43
Canada.....	24	25	28	31	38
Iran.....	11	26	24	31	33
Belgium and Luxembourg.....	46	50	44	39	28
Yugoslavia.....	23	14	23	35	28
Cuba.....	34	20	N.A.	N.A.	N.A.
Philippines.....	14	15	21	20	21
India.....	12	18	17	16	13
Malaya.....	15	23	22	24	N.A.
Mexico.....	39	8	5	5	N.A.
Total.....	1,652	1,924	---	---	---

1/ Includes edible and inedible tallow and greases. 2/ Preliminary.

3/ Less than 5-year average.

Table 6.--ANIMAL GREASES AND FATS, INEDIBLE 1/ (OTHER THAN TALLOW):  
U.S. exports by country of destination, average 1956-60, annual 1960-63

Country	Average	1960	1961	1962	1963 2/
	1956-60	1960	1961	1962	1963 2/
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Netherlands.....	65	84	104	85	98
Japan.....	15	59	61	29	60
Spain.....	3/	3/	1	10	23
Peru.....	3/	3/	11	16	20
Canada.....	12	15	7	7	10
Italy.....	4	11	3/	7	6
Belgium and Luxembourg.....	8	3/	10	2	3
Germany, West.....	5	2	1	1	3
United Kingdom.....	2	1	4	2	2
Colombia.....	4	4	5	4	1
Others.....	13	13	17	14	24
Total.....	128	189	221	177	250

1/ Consists mostly of hog grease and also includes other inedible animal oils, fats and greases. 2/ Preliminary. 3/ Less than 500,000 pounds.

Table 7.--INEDIBLE TALLOW AND GREASES: Australian exports by country of destination, average 1956-60, annual 1960-63 1/

Country	Average	1960	1961	1962	1963 2/
	1956-60	1960	1961	1962	1963 2/
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
South Africa, Rep. of.....	20	37	17	42	53
Japan.....	21	26	17	15	46
United Kingdom.....	18	18	5	43	23
China, Mainland.....	3	14	9	23	13
Italy.....	3/	3/	3/	5	18
Malaya.....	9	16	14	11	11
Pakistan.....	6	12	12	11	11
Burma.....	11	9	9	10	7
Mozambique.....	3/	2	15	12	6
Ceylon.....	4	10	6	7	5
Kenya.....	3/	3/	3/	4	5
Rhodesia and Nyasaland.....	5	9	3	4	4
India.....	5	7	3	4	4
Thailand.....	4	5	2	3	3
West Indies.....	3/	3/	3/	7	2
Other.....	12	15	12	6	4/ 42
Total inedible.....	118	180	124	207	253
Total edible.....	16	5/ 27	33	5/ 17	16
Grand total.....	134	207	157	224	269

1/ Year ending June 30. 2/ Preliminary. 3/ If any, included in others.

4/ Includes 13 million pounds to EEC, excluding Italy, 6 million pounds to Philippines and Ecuador and Colombia, 4 million pounds each. 5/ Revised.

Table 8.--TALLOW AND GREASES: New Zealand exports by country of destination, average 1956-60, annual 1960-63

Country	Average	1960	1961	1962	1963
	1956-60	Million pounds	Million pounds	Million pounds	Million pounds
	;	;	;	;	;
United Kingdom.....	52	32	30	36	N.A.
China, Mainland.....	7	29	21	34	N.A.
So. Africa, Rep. of .....	6	6	9	12	N.A.
India.....	7	13	12	10	N.A.
Japan.....	11	9	13	9	N.A.
Burma.....	4	5	7	8	N.A.
Kenya and Uganda.....	1	5	7	5	N.A.
British West Indies.....	7	4	5	4	N.A.
Ceylon.....	2	5	3	4	N.A.
Mozambique.....	1	3	4	4	N.A.
Rhodesia and Nyasaland.....	3	3	4	4	N.A.
Netherlands.....	3	3	1	1	N.A.
Australia.....	5	13	5	---	N.A.
Others.....	10	9	10	8	N.A.
Total.....	119	136	132	139	<u>1/</u> 151

1/ Preliminary.

Table 9.--TALLOW AND GREASES: Canadian exports by country of destination, average 1956-60 and annual 1959-63

Country	Average	1959	1960	1961	1962	1963 <u>1/</u>
	1956-60	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
	;	;	;	;	;	;
United Kingdom.....	34	51	67	51	15	39
Cuba.....	2/	2/	2/	26	34	23
Japan.....	10	14	9	11	19	23
So. Africa, Rep. of <u>3/</u> ...	13	13	8	2	2	3
United States.....	5	11	3	2	2	3
British West Indies.....	2	3	4	4	5	2
Other countries.....	8	2	7	2	19	19
Total.....	72	94	98	98	96	112

1/ Preliminary. 2/ Less than 500,000 pounds. 3/ Formerly Union of South Africa.

Table 10.--TALLOW AND GREASES 1/: Japanese imports by country of origin,  
average 1956-60, annual 1960-63

Country	: Average : 1956-60 : 1960 : 1961 : 1962 : 1963 2/					
	: Million :pounds		: Million :pounds		: Million :pounds	
United States.....	250	356	382	269	340	
Australia.....	22	16	11	31	54	
Canada.....	8	6	8	21	22	
New Zealand.....	10	8	13	9	9	
Others.....	1	1	1	--	5	
Total.....	291	387	415	330	430	

1/ Includes inedible tallow, other inedible fats and edible tallow.

2/ Preliminary.

Table 11.--TALLOW AND GREASES 1/: Italian imports by country of origin,  
average 1956-60 and annual 1960-63

Country	: Average : 1956-60 : 1960 : 1961 : 1962 : 1963 2/					
	: Million :pounds		: Million :pounds		: Million :pounds	
United States.....	253	282	228	227	210	
West Germany.....	---	5	13	12	17	
Australia.....	---	---	---	4	16	
Argentina.....	---	---	9	---	10	
Austria.....	---	2	3	2	3	
Others.....	7	13	7	12	15	
Total.....	260	302	260	257	271	

1/ Includes inedible tallow, other inedible animal fats and edible tallow.

2/ Preliminary.

Table 12.--TALLOW AND GREASES: Netherlands imports by country of origin,  
average 1956-60 and annual 1960-63

Country	: Average : 1956-60 : 1960 : 1961 : 1962 : 1963 1/					
	: Million :pounds		: Million :pounds		: Million :pounds	
United States.....	187	241	217	175	193	
Germany, West.....	13	18	31	24	27	
Denmark.....	4	7	10	13	15	
Australia.....	---	---	---	---	8	
Belgium & Luxembourg....	8	6	7	4	7	
Sweden.....	3	7	3	1	3	
Others.....	14	5	8	5	10	
Total.....	229	284	276	222	263	

1/ Preliminary.

Table 13.--TALLOW AND GREASES: United Kingdom imports by country of origin, average 1956-60 and annual 1960-63

Country	Average	1960	1961	1962	1963 1/
	1956-60	Million pounds	Million pounds	Million pounds	Million pounds
Canada.....	35	65	53	13	45
New Zealand.....	50	31	28	36	24
Australia.....	23	7	9	37	22
Germany, West.....	5	14	15	15	17
United States.....	16	36	21	12	16
Ireland.....	N.A.	N.A.	11	13	13
Argentina.....	7	1	1	1	2
Denmark.....	N.A.	N.A.	1	3	2
Others.....	18	25	17	15	13
Total.....	154	179	156	145	154

1/ Preliminary.

Table 14.--TALLOW AND GREASES: West German imports by country of origin, average 1956-60 and annual 1960-63

Country	Average	1960	1961	1962	1963 1/
	1956-60	Million pounds	Million pounds	Million pounds	Million pounds
United States.....	105	118	128	116	113
Denmark.....	7	10	---	16	14
Sweden.....	3	3	5	12	12
Netherlands.....	3	2	5	5	6
France.....	---	---	2	2	3
Belgium & Luxembourg.....	8	4	10	3	2
Others.....	11	6	9	18	14
Total.....	137	143	159	172	164

1/ Preliminary.

Table 15.--Tallow shipments under Title I and Title IV, Public Law 480  
by country of destination, 1962-63 and January-June 1963-64

Country	Jan.-June			
	1962	1963	1963	1964
	:Million :pounds	:Million :pounds	:Million :pounds	:Million :pounds
<b>Title I:</b>				
Egypt.....	50.1	101.9	68.8	63.3
Pakistan.....	28.4	52.2	40.3	45.2
Turkey.....	32.8	45.7	15.9	36.1
China, Taiwan.....	20.9	40.6	19.4	23.2
Korea.....	24.7	34.6	34.6	14.3
Greece.....	---	---	---	3.8
Israel.....	---	5.1	1.2	---
Poland.....	27.4	---	---	---
<b>Total.....</b>	<b>184.3</b>	<b>280.1</b>	<b>180.2</b>	<b>185.9</b>
<b>Title IV:</b>				
Colombia.....	1.7	2.1	---	1.7
Ecuador.....	---	8.7	1.5	---
Yugoslavia.....	---	26.1	26.1	---
<b>Total.....</b>	<b>1.7</b>	<b>36.9</b>	<b>27.6</b>	<b>1.7</b>
<b>Grand total.....</b>	<b>186.0</b>	<b>317.0</b>	<b>207.8</b>	<b>187.6</b>

1/ Revised. 2/ Preliminary.

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